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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/652,988 | 08/29/2003 | Brian James DeHamer | 200208087-1 | 2983 |

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HEWLETT-PACKARD COMPANY
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| EXAMINER |
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VO, TED T

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| ART UNIT | PAPER NUMBER |
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2191

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE | DELIVERY MODE |
|--|------------|---------------|
| 3 MONTHS | 12/29/2006 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/652,988

Applicant(s)

DEHAMER ET AL.

Examiner

Ted T. Vo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 August 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>8/29/03</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

1. This action is in response to the communication filed on 8/29/03.

Claims 1-20 are pending in the application.

Specification

2. The following guidelines illustrate the preferred layout for the specification of a utility application.

These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) THE NAMES OF THE PARTIES TO A JOINT RESEARCH AGREEMENT.
- (e) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC.
- (f) BACKGROUND OF THE INVENTION.
 - (1) Field of the Invention.
 - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (g) BRIEF SUMMARY OF THE INVENTION.
- (h) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (i) DETAILED DESCRIPTION OF THE INVENTION.
- (j) CLAIM OR CLAIMS (commencing on a separate sheet).
- (k) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (l) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

The arrangement of this Application does not form section heading (f) with (1) and (2) correctly; does not have and (g). Therefore, it is object to. An amendment to the specification pursuant to 37 CFR 1.77 is required.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 18-20 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 18-20 recite a program that comprises a machine readable medium. A program is known for comprising code/instructions. It is not known the meaning of the limitation "program" in the preamble.

Claim Rejections - 35 USC § 101

4. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

5. The claims 18-20 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

The Claims 18-20 are claiming a "computer program" per se. See the preamble: "A program for creating web application". Claiming a program per se is not statutory as set forth under 35 U.S.C. 101.

To expedite a complete examination of the instant application the claims rejected under 35 U.S.C. 101 (nonstatutory) above are further rejected as set forth below in anticipation of application amending these claims to place them within the four statutory categories of invention.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1-20 are rejected under 35 U.S.C. 102(b) as being anticipated by Han et al., "WebSplitter: A Unified XML Framework for Multi-Device Collaborative Web Browsing", ACM, 2000.

Given the broadest reasonable interpretation of followed claims in light of the specification.

As per Claim 1: Han discloses,

A system for creating web applications, the system comprising: a controller generator that is adapted to provide a web application with a controller ('PROXY') that receives requests for data from users and responds to the requests by obtaining requested data (See Figure 5, PROXY receives request from creator's laptop and send response); and a navigation manager generator ('Lecturer/section creator/XML & Policy file') that is adapted to provide a navigation manager that recalls a user request upon completion of a prerequisite (p. 226, left col., sec. 3.1: 'The proxy registers itself (1) to the service discovery database so that a client can find the proxy (2). Next, the session creator clicks on the desired proxy's hyperlink (3) and the proxy returns a session login menu requesting the session name and URL of the first XML Web page (4). Then, the proxy pulls the requested XML page (5) and its associated policy file (6) into the proxy. The proxy parses the XML page and policy file to create privilege groups (7), then sends to the session creator a login menu requesting username and password (8).' (the underscored phrase reads prerequisite, because in XML document or HTML document (p.226: left col., first paragraph) this type login menu in a webpage is a tag "form").

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As per Claim 2: Han discloses, *The system set forth in claim 1, wherein the prerequisite comprises a form (refer to tags in HTML/XML document, see in p.226: left col., first paragraph, the tags of these language create a form of login menu)).*

As per Claim 3: Han discloses, *The system set forth in claim 1, wherein the prerequisite comprises a user login (see Figure 5).*

As per Claim 4: Han discloses, *The system set forth in claim 1, wherein the prerequisite comprises an access rights verification (see Figure 2, 'access privileges').*

As per Claim 5: Han discloses, *The system set forth in claim 1, wherein the navigation manager generator is adapted to identify the prerequisite for the user request (see p. 227, 'to identify the privilege group of the user/subscriber').*

As per Claim 6: Han discloses, *The system set forth in claim 1, wherein the navigation manager generator is adapted to store the user request upon identification of the prerequisite (It is the task of section creator/XML & Policy file' in the proxy server).*

As per Claim 7: Han discloses, *The system set forth in claim 1, comprising a model object (e.g., WebSplitter application/ or web objects that deliver to end clients/users (p. 226, right col.)) and a view object (P. 224, see 'Web presentation' or web browsing) separate from one another and separate from the controller (at end user), wherein the model object is adapted to provide an application state (content of a web object) for the web application and the view object is adapted to provide a view presentation (view of the web content that is implemented by XML/HTML and viewable by and end users) for the web application. For example, see p. 222, in Figure 1, a web application (top left: "model object" (also seen in Figure 2)) is requested by an end user (low right, an end user using web browsing: "view object". This 'web application' is provided by the PROXY, which is separated from the end user's view object, when it is available in the end will be seen as in the figure 2).*

As per Claim 8: Han discloses, *A method of creating web applications, the method comprising: creating, with a processor-based device, a controller that receives requests for data from users and responds to the requests by obtaining requested data; and providing a navigation manager to continue a user request after redirection to and completion of a prerequisite.*

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See rationale addressed in the rejection of claim 1.

As per Claim 9: Han discloses, *The method set forth in claim 8, comprising providing request tracking logic adapted to track the user request.* That is constructs provided under form of XML/HTML document and uses HTTP to provide a request (See p. 228, sec. 4 Client-Side Functions).

As per Claim 10: Han discloses, *The method set forth in claim 8, comprising providing navigational rules for a portal name, a first path corresponding to initiation of the prerequisite, and a second path corresponding to completion of the prerequisite* (See Figure 5, sending/response under login).

As per Claim 11: Han discloses, *The method set forth in claim 10, comprising setting a first navigational rule to save an intended path corresponding to the user request if a navigational redirection is provided to the first path* (See abstract: Pushed browsing data).

As per Claim 12: Han discloses, *The method set forth in claim 11, comprises setting a second navigational rule to recall an intended path corresponding to the user request if a navigational redirection is provided to the second path* (See abstract: Pushed browsing data).

As per Claim 13: Han discloses, *The method set forth in claim 8, comprising providing request storage logic adapted to save the user request if subject to the prerequisite* (This is known in the art as cache proxy, where cache proxy has logics to save the user request. Note: Applicant is referred to the definition of Proxy server/cache proxy that is available online).

As per Claim 14: Han discloses, *The method set forth in claim 8, comprising providing request recall logic adapted to recall the user request if the prerequisite is complete* (The Figure 5 and 6 that use PROXY read this claim limitation).

As per Claim 15: Han discloses, *A system for creating web applications (e.g., the system seen in Figure 1, adaptable for using a Web document seen in Figure 2), the system comprising: means for creating a controller that provides control functions for a web application, the controller being adapted to receive requests (PROXY receives request from an end user) for data from users and respond to the requests by obtaining requested data; and means for setting navigational rules for the web application (the Web document response by PROXY/Web Server, having setting navigational rule) to track an intended path for subsequent recall* (The document having header field that provide information, and HTTP response,

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e.g. PROXY/ Web Server applies the path intended in the data/URL; this will provides *subsequent recall*) if redirected to an unintended path. See rationale addressed in the rejection of Claim 1, especially see sec. 4: Client-Side Functions.

As per Claim 16: Han discloses, *The system set forth in claim 15, wherein the means for setting navigational rules comprises means for storing the intended path.* See rationale addressed in the rejection of claim 6.

As per Claim 17: Han discloses, *The system set forth in claim 15, wherein the means for setting navigational rules comprises means for recalling the intended path.* See rationale addressed in the rejection of claim 6.

As per Claim 18: Han discloses, *A program for creating web applications, comprising: a machine readable medium; navigational control logic stored on the machine readable medium, the navigational control logic being adapted to provide a web application with the ability to save a user request upon identification of a prerequisite and to recall the user request upon completion of the prerequisite.*

See rationale addressed in the rejection of claim 1.

As per Claim 19: Han discloses, *The program set forth in claim 18, comprising a controller generator stored on the machine readable medium, the controller generator being adapted to provide the web application with the ability to receive requests for data from users and respond to the requests by obtaining requested data.*

See rationale addressed in the rejection of claim 1, particularly, the PROXY is already known for performing the feature of the claim.

As per Claim 20: Han discloses, *The program set forth in claim 18, wherein the navigational control logic comprises navigational rules for a portal name, a first path corresponding to initiation of the prerequisite, and a second path corresponding to completion of the prerequisite.* See rationale addressed in the rejection of claim 1, particularly, the PROXY is already known for performing the feature of the claim.

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Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ted T. Vo whose telephone number is (571) 272-3706. The examiner can normally be reached on 8:00AM to 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Y. Zhen can be reached on (571) 272-3708.

The facsimile number for the organization where this application or proceeding is assigned is the Central Facsimile number **571-273-8300**.

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 Group receptionist: 571-272-2100. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TTV.
December 22, 2006



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